



Naval Education and
Training Command

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Training Manual
(TRAMAN)

Illustrator Draftsman

Volume 3—Executionable Practices

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Although the words “he,” “him,” and “his” are used sparingly in this manual to enhance communication, they are not intended to be gender driven nor to affront or discriminate against anyone reading this material.

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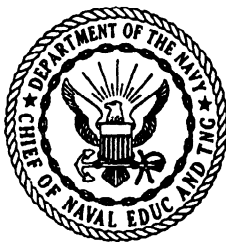
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ILLUSTRATOR DRAFTSMAN

VOLUME 3
EXECUTIONABLE PRACTICES

NAVEDTRA 12722



1998 Edition Prepared by

DMCS(SW) Sandra M. Bryan



PREFACE

**Introduction:
the training
manual**

The *Illustrator Draftsman* (DM) training manual (TRAMAN), NAVEDTRA 12722, is the third in a series of four DM training manuals. With its separate nonresident training courses (NRTC's), NAVEDTRA 72722 and 82722, it forms a self-study package for enlisted personnel of the Illustrator Draftsman (DM) rating and provides information based on DM Occupational Standards. Volume 3, entitled *Executionable Practices*, includes the following topics: mediums, the theory of color, drawing, cartooning and animation, lettering, airbrush, photography, and computer generation.

**The
nonresident
training course**

The NRTC consists of questions designed to help you, the student, understand the TRAMAN. Before beginning serious study, you may find it helpful to browse the entire package.

1998 Edition

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THE UNITED STATES NAVY

GUARDIAN OF OUR COUNTRY

The United States Navy is responsible for maintaining control of the sea and is a ready force on watch at home and overseas, capable of strong action to preserve the peace or of instant offensive action to win in war.

It is upon the maintenance of this control that our country's glorious future depends; the United States Navy exists to make it so.

WE SERVE WITH HONOR

Tradition, valor, and victory are the Navy's heritage from the past. To these may be added dedication, discipline, and vigilance as the watchwords of the present and the future.

At home or on distant stations, we serve with pride, confident in the respect of our country, our shipmates, and our families.

Our responsibilities sober us; our adversities strengthen us.

Service to God and Country is our special privilege. We serve with honor.

THE FUTURE OF THE NAVY

The Navy will always employ new weapons, new techniques, and greater power to protect and defend the United States on the sea, under the sea, and in the air.

Now and in the future, control of the sea gives the United States her greatest advantage for the maintenance of peace and for victory in war.

Mobility, surprise, dispersal, and offensive power are the keynotes of the new Navy. The roots of the Navy lie in a strong belief in the future, in continued dedication to our tasks, and in reflection on our heritage from the past.

Never have our opportunities and our responsibilities been greater.

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ILLUSTRATOR DRAFTSMAN (DM) TRAINING SERIES

The following volumes in the DM Training Series are available or planned:

**DM, Vol. 1,
NAVEDTRA
12720**

Equipment. This is an overview of general shop administration, available equipment, required operator adjustments, and equipment maintenance. Knowing the capabilities and limitations of the equipment before creating artwork is essential.

**DM, Vol. 2,
NAVEDTRA
12721**

Standard Drafting Practices And Theory. Industry standards for technical drawing, geometric construction, general drafting practices, parallel projections, perspective, and composition are foundational material on which all executable practices rely.

**DM, Vol. 3,
NAVEDTRA
12722**

Executable Practices. These chapters cover the theory of color, photography, computer-generated art, figure drawing, cartooning, animation, mediums, lettering, and airbrush. These are the skills a successful DM must master.

**DM, Vol. 4,
NAVEDTRA
12723**

Presentations Graphics. Pre-press copy preparation, television graphics, displays, exhibits, and audiovisual presentations are end products and will influence how and why DMs work with certain media.

**Nonresident
Training
Courses
(NRTC)**

Nonresident Training Courses for the Illustrator Draftsman (DM) TRAMAN:

Paygrade	Volume	NRTC
E4/E5	Volume 1	NAVEDTRA 72720
	Volume 2	NAVEDTRA 72721
	Volume 3	NAVEDTRA 72722
	Volume 4	NAVEDTRA 12723
E6/E7	Volume 1	NAVEDTRA 82720
	Volume 3	NAVEDTRA 82722
	Volume 4	NAVEDTRA 12723

NOTE:

Check the Naval Education and Training Professional Development and Technology Center home page for advancement requirements (<http://www.cnet.navy.mil/netpdtc/netpdtc.htm>.) and the *Catalog of Nonresident Training Courses*, NAVEDTRA 12061, for ordering information.